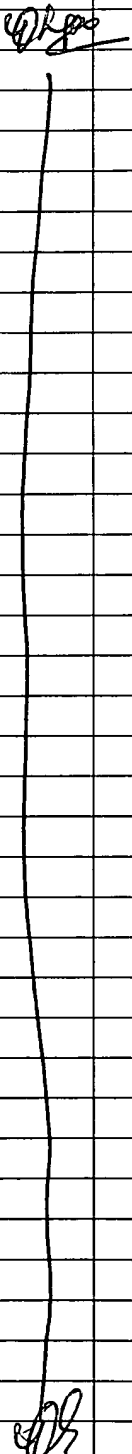


Form PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 2-32) PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	ATTY DOCKET NO. 6617	SERIAL NO. 09/492,844
	APPLICANT RONNING et al.	
	FILING DATE January 27, 2000	GROUP ART UNIT 2768

JUN 23 2000

## U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Inventor Name	Class	Sub-class	Filing Date (if appropriate)
	5 9 8 3 2 2 7	11/09/99	Nazem et al.	707	10	
	5 9 1 9 2 4 7	07/06/99	Van Hoff et al.	709	217	
	5 9 1 3 0 4 0	06/15/99	Rakavy et al.	395	200.62	
	5 9 1 2 9 0 2	06/15/99	Monroe	371	30	
	5 9 0 7 6 1 7	05/25/99	Ronning	380	4	
	5 9 0 3 8 9 6	05/11/99	Waldman et al.	707	200	
	5 9 0 3 6 4 7	05/11/99	Ronning	380	4	
	5 8 8 7 1 9 2	03/23/99	Nishio	395	827	
	5 8 8 7 0 6 0	03/23/99	Ronning	380	4	
	5 8 8 3 9 5 5	03/16/99	Ronning	380	4	
	5 8 8 3 9 5 4	03/16/99	Ronning	500	4	
	5 8 7 5 2 4 7	02/23/99	Nakashima et al.	380	4	
	5 8 7 0 5 4 3	02/09/99	Ronning	395	186	
	5 8 6 4 6 2 0	01/26/99	Pettitt	380	4	
	5 8 6 0 0 7 4	01/12/99	Rowe et al.	707	526	
	5 8 5 9 9 6 9	01/12/99	Oki et al.	395	200.3	
	5 8 4 8 1 5 4	12/08/98	Nishio et al.	380	4	
	5 8 4 5 0 7 4	12/01/98	Kobata	395	200.49	
	5 8 4 2 0 2 4	11/24/98	Choye et al.	395	712	
	5 8 3 5 7 2 1	11/10/98	Donahue et al.	395	200.54	
	5 8 0 5 8 9 8	09/08/98	Barsness et al.	395	712	
	5 8 0 5 6 9 9	09/08/98	Akiyama et al.	380	4	
	5 7 9 6 8 2 5	08/18/98	McDonnal et al.	380	4	
	5 7 9 4 0 5 2	08/11/98	Harding	395	712	
	5 7 8 4 4 6 1	07/21/98	Shaffer et al.	380	21	
	5 7 7 1 3 4 7	06/23/98	Grantz et al.	395	186	
	5 7 8 1 7 8 5	07/14/98	Rowe et al.	395	774	
	5 7 7 8 2 3 4	07/07/98	Hecht et al.	395	712	
	5 7 6 8 5 9 7	06/16/98	Simm	395	712	
	5 7 6 8 5 2 8	06/16/98	Stumm	395	200.61	
	5 7 6 8 5 2 7	06/16/98	Zhu et al.	395	200.61	
	5 7 6 1 6 5 1	06/02/98	Hasebe et al.	705	400	
	5 7 6 1 3 0 8	02/02/98	Torii et al.	380	24	
	5 7 5 8 0 6 8	05/26/98	Brandt et al.	395	186	
	5 7 5 7 9 0 8	05/26/98	Cooper et al.	380	4	
	5 7 5 7 9 0 7	05/26/98	Cooper et al.	380	4	

5	7	5	4	7	5	4	05/19/98	Dudley et al.	395	182.16	
5	7	5	4	6	4	6	05/19/98	Williams et al.	380	4	
5	7	4	5	8	7	9	04/28/98	Wyman	705	1	
5	7	4	5	7	5	4	04/28/98	Lagarde et al.	395	615	
5	7	4	5	5	7	4	04/28/98	Muftic	380	23	
5	7	4	2	7	5	7	04/21/98	Hamadani et al.	395	186	
5	7	4	0	5	4	9	04/14/98	Reilly et al.	705	14	
5	7	3	7	4	1	6	04/07/98	Cooper et al.	380	4	
5	7	2	7	2	1	5	03/10/98	Rynaski et al.	395	712	
5	7	2	7	2	0	5	03/10/98	Bell et al.	395	616	
5	7	1	5	4	0	3	02/03/98	Stefik	395	244	
5	7	1	0	8	8	7	01/20/98	Chelliah et al.	395	226	
5	7	1	0	8	8	4	01/20/98	Dedrick	395	200.47	
5	7	0	6	4	3	5	01/06/98	Barbara et al.	395	200.09	
5	6	9	6	9	7	5	12/09/97	Moore et al.	395	712	
5	6	8	9	5	6	0	11/18/97	Cooper et al.	380	4	
5	6	8	4	9	9	6	11/04/97	Westerholm et al.	395	712	
5	6	7	5	6	4	5	10/07/97	Schwartz et al.	380	4	
5	6	7	3	3	1	5	09/30/97	Wolf	380	4	
5	6	7	1	4	2	0	09/23/97	Bell et al.	395	712	
5	6	7	1	4	1	2	09/23/97	Christiano	395	615	
5	6	7	1	2	8	1	09/23/97	Campbell et al.	380	25	
5	6	7	1	2	7	9	09/23/97	Elgamal	380	23	
5	6	6	6	5	0	1	09/09/97	Jones et al.	345	348	
5	6	6	6	4	1	1	09/09/97	McCarty	380	4	
5	6	5	7	3	9	0	08/12/97	Elgamal et al.	380	49	
5	6	5	4	9	0	5	08/05/97	Mulholland et al.	364	569	
5	6	4	9	1	8	6	07/15/97	Ferguson	395	610	
5	6	4	9	1	8	7	07/15/97	Hornbuckle	395	610	
5	6	3	4	0	1	2	05/27/97	Stefik et al.	395	239	
5	6	2	9	9	8	0	05/13/97	Stefik et al.	380	4	
5	6	2	8	0	1	5	05/06/97	Singh	395	186	
5	6	2	5	6	9	0	04/29/97	Michel et al.	380	4	
5	6	0	0	7	8	1	02/04/97	Root et al.	395	326	
5	5	9	8	4	7	0	01/28/97	Cooper et al.	380	4	
5	5	8	1	7	6	4	12/03/96	Fitzgerald et al.	395	703	
5	5	7	9	4	7	9	11/26/96	Plum	395	188.01	
5	5	6	4	0	3	8	10/08/96	Grantz et al.	395	491	
5	5	6	3	9	4	6	10/08/96	Cooper et al.	380	4	
5	5	5	7	5	1	8	09/19/96	Rosen	364	408	
5	5	3	9	9	0	8	07/23/96	Chen et al.	395	700	
5	5	3	7	5	6	8	07/16/96	Yanai et al.	395	445	
5	5	3	0	8	6	5	06/25/96	Owens et al.	395	700	
5	5	2	6	4	8	5	06/11/96	Brodsky	395	183.14	
5	5	1	5	5	3	8	05/07/96	Kleiman	395	733	
5	5	0	9	0	7	0	04/16/96	Schull	380	4	

92

	5	5	3	5	1	8	8	07/09/96	Dang et al.	369	84	
	5	4	9	5	4	1	1	02/27/96	Ananda	364	401	
	5	4	8	7	1	4	3	01/23/96	Southgate	395	157	
	5	4	3	0	8	4	1	07/04/95	Tannenbaum et al.	395	164	
	5	4	2	6	7	4	7	06/20/95	Weinreb et al.	395	400	
	5	4	2	6	4	2	1	06/20/95	Gray	340	825.15	
	5	4	0	4	5	1	0	04/04/95	Smith et al.	395	600	
	5	4	0	4	5	0	5	04/04/95	Levinson	395	600	
	5	3	9	0	2	9	7	02/14/95	Barber et al.	395	200	
	5	3	8	8	9	9	3	02/14/95	McKiel et al.	434	118	
	5	3	8	8	2	1	1	02/07/95	Hornbuckle	395	200	
	5	3	8	6	3	6	9	01/31/95	Christiano	364	464.01	
	5	3	8	1	5	3	9	01/10/95	Yanai et al.	395	425	
	5	3	7	5	2	4	0	12/20/94	Grundy	395	700	
	5	3	6	7	7	0	4	11/22/94	Hasuo et al.	395	800	
	5	3	6	7	6	6	7	11/22/94	Wahlquist et al.	395	575	
	5	3	5	5	3	0	2	10/11/94	Martin et al.	364	410	
	5	3	4	1	4	2	9	08/23/94	Stringer et al.	380	23	
	5	3	2	7	5	6	3	07/05/94	Singh	395	700	
	5	2	9	3	4	2	2	03/08/94	Loiacono	380	4	
	5	2	6	9	6	9	8	12/14/93	Singer	439	157	
	5	2	6	7	1	7	1	11/30/93	Suzuki et al.	364	479	
	5	2	4	1	6	7	1	08/31/93	Reed et al.	395	600	
	5	2	3	7	1	5	7	08/17/93	Kaplan	235	375	
	5	2	2	2	1	3	4	06/22/93	Waite et al.	380	4	
	5	1	9	9	0	6	6	03/30/93	Logan	380	4	
	5	1	0	9	4	1	3	04/28/92	Comerford et al.	380	4	
	5	1	6	6	8	8	6	11/24/92	Molnar et al.	364	479	
	5	1	0	3	4	7	6	04/07/92	Waite et al.	380	4	
	5	1	0	3	3	9	2	04/07/92	Mori	395	725	
	5	0	5	1	7	4	5	09/24/91	Katz	341	51	
	5	0	4	7	9	2	8	09/10/91	Wiedemer	364	406	
	5	0	4	3	8	8	5	08/27/91	Robinson	364	200	
	5	0	2	7	2	9	1	06/25/91	Callahan et al.	364	521	
	5	0	1	6	0	0	9	05/14/91	Whiting et al.	341	67	
	5	0	1	4	2	3	4	05/07/91	Edwards, Jr.	364	900	
	5	0	1	0	5	7	1	04/23/91	Katznelson	380	4	
	5	0	0	6	8	4	9	04/09/91	Baerman et al.	341	95	
	4	9	9	9	8	0	6	03/12/91	Chernow et al.	364	900	
	4	9	7	4	1	6	0	11/27/90	Bone et al.	364	200	
	4	9	4	9	2	5	7	08/14/90	Orbach	364	401	
	4	9	1	8	6	0	2	04/17/90	Bone et al.	364	401	
	4	8	8	8	7	9	8	12/19/89	Earnest	380	4	
	4	8	6	4	5	1	6	09/05/89	Gaither et al.	364	518	
	4	8	2	7	5	0	8	05/02/89	Shear	380	4	
92	4	8	1	5	0	3	0	03/21/89	Cross et al.	364	900	

92

4	7	9	6	2	2	0	01/03/89	Wolfe	364	900	
4	7	9	1	5	6	5	12/13/88	Dunham et al.	364	200	
4	7	8	7	0	5	0	11/22/88	Suzuki	364	479	
4	7	8	0	9	0	5	10/25/88	Cruts et al.	380	44	
4	7	4	0	8	9	0	04/26/88	William	364	200	
4	6	8	5	0	5	5	08/04/87	Thomas	364	200	
4	6	7	4	0	5	5	06/16/87	Ogaki et al.	364	479	
4	6	7	2	5	5	4	06/09/87	Ogaki	364	479	
4	6	5	8	0	9	3	04/14/87	Hellman	380	25	
4	6	5	4	7	9	9	03/31/87	Ogaki et al.	364	479	
4	6	4	9	5	1	0	03/10/87	Schmidt	364	900	
4	5	9	0	5	5	7	05/20/86	Lillie	364	200	
4	5	6	7	5	1	2	01/28/86	Abraham	358	86	
4	5	5	8	4	1	3	12/10/85	Schmidt et al.	364	300	
4	5	5	8	3	0	2	12/10/85	Welch	340	347	
4	5	2	8	6	4	3	07/09/85	Freeny, Jr.	364	900	
4	4	9	0	8	1	0	12/25/84	Hon	364	900	
4	4	6	5	9	0	1	08/14/84	Best	178	22.08	
4	4	5	8	3	1	5	07/03/84	Uchenick	364	200	
4	4	4	6	5	1	9	05/01/84	Thomas	364	300	
4	4	2	4	4	1	4	01/03/84	Hellman et al.	178	22.11	
4	4	0	5	8	2	9	09/20/83	Rivest et al.	178	22.1	
4	2	6	4	7	8	2	04/28/81	Konheim	178	22	
4	2	1	8	5	8	2	08/19/80	Hellman et al.	178	22	
4	2	0	0	7	7	0	04/29/80	Hellman et al.	178	22	
3	9	9	0	7	1	0					
3	7	9	8	6	0	5	03/19/74	Feistel	340	172.5	

## FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number							Date	Country	Class	Sub-class	Translation	
42	5	7	1	2	7	2	4	9	11/82	Japan			
42	6	0	0	7	7	2	1	8	09/85	Japan			
42	0	3	0	8	3	1	3	2	06/91	Japan			

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner Initial	Document Description
42	"Inktomi Powers Advanced Information Indexing: SmartCrawl Technology Offers Turnkey Solution to Rapidly Index Web Site Content," <i>Inktomi Press Release</i> , (Dec. 11, 1996), New York.
42	"Inktomi Unveils Smart Network Strategy to Alleviate Network Overload and Enhance Global Information Access: "Traffic Servers" Are Key to Reducing Redundant Net Traffic," <i>Inktomi Press Release</i> , (Apr. 14, 1997), Berkeley, CA.

②	"PointCast Unveils First News Network that Reaches Viewers at Their Desktops: Major Industry Players Embrace "Pointcasting" Combines the Timeliness of Broadcast With the Power of the Internet to Deliver Personalized News Instantly," <i>PointCast Press Releases</i> , (Feb. 13, 1996), San Francisco, CA.
②	"Lotus and PointCast to Collaborate on Interactive Information Delivery System for Corporate Intranets: Companies Will Link PointCast's SmartScreen and I-Server Technology With Lotus Domino Intranet Server and the World Wide Web," <i>PointCast Press Releases</i> , (Jul. 23, 1996), Cambridge, MA/Cupertino, CA.
②	"PointCast and Infoseek Collaborate to Offer Additional Personalized Content on the PointCast Network: Infoseek Search Technology Enhances PointCast Network Viewer Experience With Instant Search Capabilities," <i>PointCast Press Releases</i> , (Aug. 5, 1996), Cupertino, CA.
②	"Department of Defense Chooses <i>software.net</i> for Electronic Ordering and Fulfillment Over the Internet: <i>software.net</i> Opens the Microsoft Government Express! Center for Volume Discount Pricing on Microsoft Products," <i>software.net</i> Press Release, (Apr. 3, 1996), Washington, DC.
②	"CyberSource Corp. Selected as Electronic Distributor for Over 2,100 Adobe Fonts: First Time Consumers Have Immediate Availability of the Latest Fonts From Adobe Type Library," <i>software.net</i> Press Release, (Jun. 18, 1996), Menlo Park, CA.
②	"CyberSource and Online Interactive Help Microsoft Meet Heavy Demand for Its Frontpage Software: Electronic Resellers Deliver on the Promise of Electronic Software Distribution," <i>software.net</i> Press Release, (Aug. 6, 1996), Menlo Park, CA/Seattle WA.
✕	"software.net and Microsoft Ink Largest Electronic Software Distribution Deal in Internet History: Defense Logistics and Department of Defense Procurement Agencies Receive Software Via the Internet, Enabling the U.S. Government to Avoid an Estimated \$30 Million and Reducing Delivery Times to a Single Day," (Jul. 1, 1997), San Jose, CA.
✓	Prosise, J., <i>PC Magazine-Dos 5 Techniques and Utilities</i> , Ziff-Davis Press, Emeryville, CA 94608: 82-85 (1991).
✓	Prosise, J., "PC Magazine DOS 5-Techniques and Utilities," pp. 365-367, Ziff-Davis Press, PC Magazine, Emeryville, CA, 1991.
✓	Amanda Mitchell, "Chicago Features Spark Online Distribution," <i>Computer Reseller News</i> , (Aug. 1994), p. 101.
✓	"Testdrive Founder/CEO Resigns to Form New Info Highway Company," <i>Business Wire</i> , (Jun. 1994), Cupertino, CA.
✓	Don Clark, "Multimedia: Patents May Raise Price of Information Highway," <i>The Wall Street Journal</i> , (Nov. 1993).
✓	Walter S. Mossberg, "Personal Technology," <i>The Wall Street Journal</i> , (Dec. 1993), p. 12.
✓	"Try and Buy on CD-Rom," <i>Marketing Computers</i> , (Oct. 1993), p. 12.
✓	"Multimedia World," <i>Advertising Age</i> , (Aug. 1993), p. 23.
✓	File History of U.S. Patent No. 5,768,528, issued Jun. 16, 1998.
✓	File History of U.S. Patent No. 5,761,651, issued Jun. 2, 1998.
✓	File History of U.S. Patent No. 4,658,093, issued Apr. 14, 1987.
✓	File History of U.S. Patent No. 4,740,890, issued Apr. 26, 1988.

EXAMINER

Y. C. Garg

DATE CONSIDERED

11/13/02

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.